

**Listing of Claims:**

1 1. (Currently Amended) A retroreflective article comprising:  
2 a) a microporous substrate containing a plurality of pores which are less than  
3 0.5  $\mu\text{m}$  in diameter; and  
4 b) a layer of reflective material, selected from the group consisting of metal  
5 coatings and dielectric coatings, located on the surface of the substrate such that said  
6 layer at least partially obscures a plurality of the pores of the substrate.

1 2. (Currently Amended) A retroreflective article, as set forth in claim 1, additionally  
2 comprising a protective coating material layer, overlying said layer of ~~metal~~ reflective  
3 material.

1 3. (Original) A retroreflective article, as set forth in claim 2, wherein said protective  
2 coating material is selected from the group consisting of polyurethanes,  
3 polymethylmethacrylate and copolymers thereof, styrene-acrylonitriles, polystyrene,  
4 polycarbonate, organosiloxanes, amorphous polyolefins, evaporative dielectric coatings  
5 and other transparent materials.

1 4. (Currently Amended) A retroreflective article as set forth in claim 1, wherein said  
2 substrate contains a plurality of pores which have diameters which are less than ~~the~~  
3 wavelength of visible light 450 nm.

1 5. (Original) A retroreflective article, as set forth in claim 1, wherein said substrate is  
2 comprised of a nanoporous polymeric film.

1 6. (Currently Amended) A retroreflective article, as set forth in claim 4, wherein said  
2 substrate is ~~in the form of~~ a fabric.

1 7. (Currently Amended) A retroreflective article, as set forth in claim 5, wherein said  
2 substrate is selected from the group consisting of polyethylene, polytetrafluoroethylene,  
3 polypropylene, polyethylene terephthalate, polymethylmethacrylate and ~~polyacetates~~  
4 polyacetate.

Ay 1 8. (Currently Amended) A retroreflective article, as set forth in claim 1, wherein said  
2 reflective material layer is ~~selected from the group consisting of metals and dielectric~~  
3 ~~coatings~~ a metal coating.

1 9. (Currently Amended) A retroreflective article, as set forth in claim 8, wherein said  
2 ~~metals are~~ reflective material is selected from the group consisting of aluminum,  
3 chromium, nickel, silver and gold.

1 10. (Original) A retroreflective article, as set forth in claim 9, wherein said reflective  
2 material is aluminum.

W.S. 1 11. (Currently Amended) A retroreflective article, as set forth in claim 10, wherein said  
2 reflective material layer has a thickness of between about 0.001 to about 0.0001 inches  
3 ~~(about 0.025 to about 0.0025 mm)~~.

1 12. (Original) A retroreflective article, as set forth in claim 1, wherein an optical  
2 performance enhancing characteristic has been introduced into said article.

1 13. (Original) A retroreflective article, as set forth in claim 12, wherein said optical  
2 performance enhancing characteristic is a repeating corner cube design.

1 14. (Currently Amended) A retroreflective article, as set forth in claim 1, additionally  
2 comprising an adhesive layer located on ~~the side~~ a surface of said substrate opposite to  
3 the ~~side~~ surface on which said reflective material layer is deposited.

---

1 15. (Original) A retroreflective article, as set forth in claim 1, affixed to a carrier substrate  
2 member via said adhesive layer.

1 16. (Original) A method for the production of a reflective article comprising the steps of:  
2 a) providing a substrate which contains pores which have a diameter of less than  
3 0.5  $\mu\text{m}$ ; and  
4 b) applying a layer of reflective material to the substrate in such a way that said  
5 layer at least partially obscures a plurality of the pores of the substrate.

1 17. (Original) The method, as set forth in claim 16, further comprising the step of applying  
2 a protective layer to said reflective article, overlying said layer of metal.

1 18. (Original) The method, as set forth in claim 17, wherein said protective coating material  
2 is selected from the group consisting of polyurethanes, polymethylmethacrylate and  
3 copolymers thereof, styrene-acrylonitriles, polystyrene, polycarbonate, organosiloxanes,  
4 amorphous polyolefins, evaporative dielectric coatings and other transparent materials.

1 19. (Original) The method, as set forth in claim 16, wherein said reflective material is  
2 selected from the group consisting of metals and dielectrics.

1 20. (Original) The method, as set forth in claim 19, wherein said metal layer is selected  
2 from the group consisting of aluminum, chromium, nickel, silver and gold.

- 1 21. (Original) The method, as set forth in claim 20, wherein said metal is aluminum and  
2 is applied in a layer that is between about 0.001 to about 0.0001 inches (about 0.0254  
3 to about 0.00254 mm) thick.
- 1 22. (Original) The method, as set forth in claim 16, further comprising the step of  
2 processing said article to introduce optical performance enhancing characteristics.
- 1 23. (Original) The method, as set forth in claim 22, wherein said step of processing to  
2 introduce optical performance enhancing characteristics comprises embossing said  
3 article using calendar rolls or flat plates.
- 1 24. (Original) The method, as set forth in claim 23, wherein said step of processing includes  
2 heating said calendar rolls.
- 1 25. (Original) The method, as set forth in claim 23, wherein said step of processing to  
2 introduce optical performance enhancing characteristics includes introducing a repeating  
3 corner cube design into said reflective layer.